

10/518472

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/518472
Source: PCT
Date Processed by STIC: 1-10-05

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/518,472

DATE: 01/10/2005
TIME: 15:20:58

Input Set : A:\82368-15.app
Output Set: N:\CRF4\01102005\J518472.raw

3 <110> APPLICANT: Ito, Masashi
4 Saito, Yasushi
5 Eisai Co., Ltd.
7 <120> TITLE OF INVENTION: Primary Cultured Adipocytes for Gene Therapy
9 <130> FILE REFERENCE: 082368-001500US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/518,472
C--> 12 <141> CURRENT FILING DATE: 2004-12-16
14 <150> PRIOR APPLICATION NUMBER: JP 2002-177648
15 <151> PRIOR FILING DATE: 2002-06-18
17 <150> PRIOR APPLICATION NUMBER: JP 2002-237974
18 <151> PRIOR FILING DATE: 2002-08-19
20 <150> PRIOR APPLICATION NUMBER: WO PCT/JP03/07721
21 <151> PRIOR FILING DATE: 2002-08-19
23 <160> NUMBER OF SEQ ID NOS: 11
25 <170> SOFTWARE: PatentIn version 3.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 30
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial
32 <220> FEATURE:
33 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for amplifying
34 human insulin gene
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43 <213> ORGANISM: Artificial
45 <220> FEATURE:
46 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for amplifying
47 human insulin gene
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50 cattctagac tagttgcagt agttctccag 30
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54 <211> LENGTH: 37
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial
58 <220> FEATURE:
59 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
60 mutagenesis
62 <400> SEQUENCE: 3
63 cttctacaca cccagggacca agcgggaggc agaggac 37
66 <210> SEQ ID NO: 4

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67 <211> LENGTH: 28
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial
71 <220> FEATURE:
72 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
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75 <400> SEQUENCE: 4 28
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79 <210> SEQ ID NO: 5
80 <211> LENGTH: 29
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
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88 <400> SEQUENCE: 5 29
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92 <210> SEQ ID NO: 6
93 <211> LENGTH: 83
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
99 constructing a gene encoding a secretory human GLP-1
101 <400> SEQUENCE: 6
102 ttccaccatg ctgctgctgc tgctgctgct gggcctgagg ctacagctct ccctggggcca 60
104 tgctgaaggg acctttacca gtg 83
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108 <211> LENGTH: 95
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial
112 <220> FEATURE:
113 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
114 constructing a gene encoding a secretory human GLP-1
116 <400> SEQUENCE: 7
117 aattatccac ggccttcac cagccaaagca atgaaactcct tggcagcttg gccttccaaa 60
119 taagaactca catcaactggt aaaggtccct tcagc 95
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124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial
127 <220> FEATURE:
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131 ttccaccatg ctgctgctgc 20
134 <210> SEQ ID NO: 9
135 <211> LENGTH: 23
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial

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139 <220> FEATURE:
 140 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for PCR
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 152 <223> OTHER INFORMATION: a gene encoding a secretory human GLP-1
 154 <220> FEATURE:
 155 <221> NAME/KEY: CDS
 156 <222> LOCATION: (1)..(144)
 157 <223> OTHER INFORMATION:
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 160 atg ctg ctg ctg ctg ctg ggc ctg agg cta cag ctc tcc ctg 48
 161 Met Leu Leu Leu Leu Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu
 162 1 5 10 15
 164 ggc cat gct gaa ggg acc ttt acc agt gat gta agt tct tat ttg gaa 96
 165 Gly His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
 166 20 25 30
 168 ggc caa gct gcc aag gag ttc att gct tgg ctg gtg aaa ggc cga gga 144
 169 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
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 173 <210> SEQ ID NO: 11
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 175 <212> TYPE: PRT
 176 <213> ORGANISM: Artificial
 178 <220> FEATURE:
 179 <223> OTHER INFORMATION: a secretory human GLP-1
 181 <400> SEQUENCE: 11
 183 Met Leu Leu Leu Leu Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu
 184 1 5 10 15
 186 Gly His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
 187 20 25 30
 189 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
 190 35 40 45

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/10/2005
PATENT APPLICATION: US/10/518,472 TIME: 15:20:59

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/518,472

DATE: 01/10/2005
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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:159 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:157